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(21) International Application Number: PCT/GB95/01791 (22) International Filing Date: 28 July 1995 (28.07.95) (30) Priority Data: 9415320.2          29 July 1994 (29.07.94)          GB (71) Applicants (for all designated States except US): MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1N 4AL (GB). THE WISTAR INSTITUTE [US/US]; 3601 Spruce Street, Philadelphia, PA 19104-4268 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MACLEAN, Alasdair, Roderick [GB/GB]; 36 Colwood Place, Glasgow G53 7YB (GB). BROWN, Susanne, Moira [GB/GB]; 5 Bellshaugh Road, Glasgow G12 0SN (GB). FRASER, Nigel, William [GB/US]; 511 South 46th Street, Philadelphia, PA 19143 (US). RANDAZZO, Bruce, Paul [US/US]; 2409 Manning Street, Philadelphia, PA 19103 (US). (74) Agents: McCALLUM, William, Potter et al.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).		(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).  Published Without international search report and to be republished upon receipt of that report.

(54) Title: TREATMENT OF CANCER USING HSV MUTANT

## (57) Abstract

Use as an anti-cancer agent of a mutant herpes simplex virus wherein the mutant virus comprises a modification in the  $\gamma 34.5$  gene in the long repeat region ( $R_L$ ) such that the  $\gamma 34.5$  gene is non-functional, manufacture of medicaments and methods of testing cancer in mammals employing HSV mutant.

